

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | Docket Number (Optional) | | Application Number | |
|--|-----------------|-----------------|-------------------|----------------------------------|----------|--------------------|----------------------------|
| | | | | P03115 | | To be Assigned | |
| | | | | Applicant(s) Sorensen, et al. | | Filing Date | |
| | | | | To be Assigned | | Group Art Unit | |
| | | | | To be Assigned | | To be Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| (b6) | 6,319,223 | 11/20/01 | Wortrich, et al. | 604 | 30 | 04/27/99 | |
| (b7) | 6,224,583 | 05/01/01 | Perkins, et al. | 604 | 408 | 10/15/98 | |
| (b7) | 6,149,621 | 11/21/00 | Makihara, Kiyoshi | 604 | 27 | 11/26/97 | |
| (b7) | 6,109,895 | 08/29/00 | Ray et al. | 417 | 477.2 | — | |
| (b7) | 6,099,272 | 08/08/00 | Armstrong, et al. | 417 | 476 | 09/18/97 | |
| (b7) | 6,083,195 | 07/04/00 | Perkins, et al. | 640 | 30 | 10/15/98 | |
| (b7) | 5,927,956 | 07/27/99 | Lim, et al. | 417 | 477.13 | 09/01/98 | |
| (b7) | 5,897,524 | 04/27/99 | Wortrich, et al. | 604 | 30 | 03/24/97 | |
| (b7) | 5,857,843 | 01/12/99 | Leason, et al. | 417 | 477.9 | 10/18/96 | |
| (b7) | 5,746,719 | 05/05/98 | Farra, et al. | 604 | 151 | 10/25/96 | |
| (b7) | 5,741,125 | 04/21/98 | Neftel, et al. | 417 | 477.7 | — | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | | | | | | | |
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| EXAMINER | | | DATE CONSIDERED | | 11/3/05 | | |
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| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| (ZS) | | 5,709,539 | 01/20/98 | Hammer, et al. | 417 | 477.3 | 05/21/96 |
| (ZS) | | 5,588,815 | 12/31/96 | Zaleski, II, Richard L. | 417 | 477.2 | 11/15/95 |
| (ZS) | | 5,470,312 | 11/28/95 | Zanger, et al. | 604 | 34 | 02/25/94 |
| (ZS) | | 5,447,417 | 09/05/95 | Kuhl, et al. | 417 | 477.11 | 08/31/93 |
| (ZS) | | 5,387,088 | 02/07/95 | Knapp, et al. | 417 | 53 | 01/18/94 |
| (ZS) | | 5,380,173 | 01/10/95 | Hellstrom, Steven P. | 417 | 477.3 | 09/20/93 |
| (ZS) | | 5,324,180 | 06/28/94 | Zanger, Frank | 417 | 475 | 06/07/93 |
| (ZS) | | 5,266,013 | 11/30/93 | Aubert, et al. | 417 | 474 | 03/25/91 |
| (ZS) | | 5,257,917 | 11/02/93 | Minarik, et al. | 417 | 475 | 10/02/92 |
| (ZS) | | 5,230,614 | 07/27/93 | Zanger, et al. | 417 | 477 | 06/03/92 |
| (Z) | | 5,110,270 | 05/05/92 | Merrick, Joseph Q. | 417 | 477 | 06/21/91 |
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| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | |
| (S) | 5,082,429 | 01/21/92 | Soderquist, et al. | 417 | 477 | 08/28/90 | | | |
| (S) | 4,925,376 | 05/15/90 | Kahler, William F. | 417 | 477 | 07/11/88 | | | |
| (S) | 4,813,428 | 03/21/89 | Muraki, et al. | 128 | 721 | 10/17/86 | | | |
| (S) | 4,599,055 | 07/08/86 | Dykstra, Raymond C. | 417 | 477 | 06/25/85 | | | |
| (S) | 4,552,516 | 11/12/85 | Stanley, Deryl B. | 417 | 477 | 06/15/84 | | | |
| (S) | 4,548,553 | 10/22/85 | Ferster, Reuben I. | 417 | 477 | 09/24/84 | | | |
| (S) | 4,537,561 | 08/27/85 | Xanthopoulos, Piritheos E. | 417 | 63 | 02/24/83 | | | |
| (S) | 4,363,609 | 12/14/82 | Cosentino, et al. | 417 | 477 | 01/23/80 | | | |
| (S) | 4,256,442 | 03/17/81 | Lamadrid, et al. | 417 | 477 | 04/18/79 | | | |
| (S) | 4,231,725 | 11/04/80 | Hogan, Lawrence R. | 417 | 477 | 10/16/78 | | | |
| (S) | 4,189,286 | 02/19/80 | Murry, et al. | 417 | 477 | 03/17/78 | | | |
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Docket Number (Optional)

P03115

Application Number

To be Assigned

Applicant(s)

Sorensen, et al.

Filing Date

To be Assigned

Group Art Unit

To be Assigned

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|-----|-----------------|----------|--------------------------|-------|----------|----------------------------|
| <i>ES</i> | | 4,187,057 | 02/05/80 | Xanthopoulos, Piritheous | 417 | 63 | 01/11/78 |
| <i>ES</i> | | 4,179,249 | 12/18/79 | Guttmann, Emil J. | 417 | 477 | 12/07/77 |
| <i>ES</i> | | 4,178,138 | 12/11/79 | Iles, Frank | 417 | 360 | 04/26/77 |
| <i>ES</i> | | 4,138,205 | 02/06/79 | Wallach, Mark | 417 | 360 | 12/15/75 |
| <i>ES</i> | | 3,963,023 | 06/15/76 | Hankinson, George R. | 128 | 214 F | 11/04/74 |
| <i>ES</i> | | 3,927,955 | 12/23/75 | Spinosa, et al. | 417 | 477 | 07/09/73 |
| <i>ES</i> | | 3,836,287 | 09/17/74 | Grosholz, et al. | 417 | 306 | 04/06/72 |
| <i>ES</i> | | 3,597,124 | 08/03/71 | Adams, Robert P. | 417 | 477 | 09/04/69 |
| <i>ES</i> | | 3,140,666 | 07/14/64 | Currie, L. M. | | | 06/11/62 |
| <i>ES</i> | | 2,696,173 | 12/07/54 | Jensen, Thormod | | | 12/23/50 |
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FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
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